

## JC07 Rec'd PUTPTO 2 1 MAR 2002

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV. 12-2001) ATTORNEY'S DOCKET NUMBER 12707P04BS TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5 DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 22 September 1999 PCT/EP00/09230 21 September 2000 TITLE OF INVENTION A1203/SIC NANOCOMPOSITE ABRASIVE GRAINS, METHOD FOR PRODUCING THEM AND THEIR USE APPLICANT(S) FOR DO/EO/US Paul MOLTGEN, Pirmin WILHELM Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1XX This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. b. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13.X A FIRST preliminary amendment. 14. A SECOND or SUBSEQUENT preliminary amendment. 15. A substitute specification. 16. A change of power of attorney and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 17. 18.区 A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: Data Sheet 20.



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Boston,	MA 02108			20,5	22		
(617) 85	4-4000					NUMBER	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paul MOELTGEN, Pirmin WILHELM

For: Al<sub>2</sub>O<sub>3</sub>/SiC NANOCOMPOSITE ABRASIVE GRAINS, METHOD FOR

PRODÚCING THEM AND THEIR USE

Our File:

12707P04US

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 C.F.R. 1.10

"Express Mail" mailing label number: EL449598894US

Date of Deposit: March 21, 2002

Identification of paper or fee: U.S. National Phase Application under 35 U.S.C. 371 including PTO-1390, PTO-1382, check for \$1,462, Application Data Sheet, Preliminary Amendment Made Upon U.S. National Phase Entry, Appendix A, Appendix B, Certified translation of Copy of WO 01/21547 A1, copy of WO 01/1547A1 published in the German language, 3 sheets drawing, PCT/IPEA/409

I hereby certify that the above-identified paper or fee to which this certification is attached is being deposited by me with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Honorable Assistant Commissioner of Patents, Washington, D.C. 20231.

Marian E. Jackson

(Signature of person mailing paper or fee)

PERKINS, SMITH & COHEN One Beacon Street Boston, Mass. 02108 (617) 854-4000

## TRANSMITTAL LETTER TO THE UNITED STATES RECEIVED OFFICE

Date 21 March 2002/DTO 2 1 MAR 2002/DTO

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PTO-1382 (Rev. 08-1997)

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